

# PROPOSED 2006 CWA SECTION 303(d) LIST OF WATER QUALITY LIMITED SEGMENTS

## CENTRAL VALLEY REGIONAL BOARD

SWRCB APPROVAL DATE: OCTOBER 25, 2006

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
5	R	American River, Lower (Nimbus Dam to confluence with Sacramento River)	51921000	Mercury <i>All resource extraction sources are abandoned mines.</i> Resource Extraction		27 Miles	2008
				Unknown Toxicity		27 Miles	2019
				Source Unknown			
5	R	American River, South Fork (below Slab Creek Reservoir to Folsom Lake)	51432060	Mercury		37 Miles	2019
				Source Unknown			
5	R	Arcade Creek	51921000	Copper		9.9 Miles	2020
				Urban Runoff/Storm Sewers			
5	R	Avena Drain	53140000	Ammonia	Agriculture Dairies	6.4 Miles	2020
				Pathogens	Agriculture Dairies	6.4 Miles	2020
5	R	Bear River, Lower (below Camp Far West Reservoir)	51510000	Diazinon	Agriculture	21 Miles	2008
5	R	Bear River, Upper	51633010	Mercury	Resource Extraction	10 Miles	2011
5	L	Berryessa, Lake	51221010	Mercury	Resource Extraction	19083 Acres	2015

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5	L	Black Butte Reservoir	50432000	Mercury		4507 Acres	2015
					Resource Extraction		
5	R	Butte Slough	52030000	Diazinon		8.9 Miles	2008
					Crop-Related Sources		
5	R	Cache Creek, Lower (Clear Lake Dam to Cache Creek Settling Basin near Yolo Bypass)	51120000	Unknown Toxicity		96 Miles	2019
					Source Unknown		
5	R	Calaveras River, Lower	54400000	Diazinon		5.8 Miles	2006
					Urban Runoff/Storm Sewers		
				Organic Enrichment/Low Dissolved Oxygen		5.8 Miles	2008
					Urban Runoff/Storm Sewers		
				Pathogens		5.8 Miles	2008
					Urban Runoff/Storm Sewers		
					Recreational and Tourism Activities (non-boating)		
5	L	Camanche Reservoir	53120000	Copper		7389 Acres	2020
					Resource Extraction		
				Zinc		7389 Acres	2020
					Resource Extraction		
5	L	Camp Far West Reservoir	51631013	Mercury		1945 Acres	2011
					Resource Extraction		

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5	R	Carson Creek (from WWTP to Deer Creek)	53222013	Aluminum		12 Miles	2019
				Manganese	Source Unknown	12 Miles	2019
					Source Unknown		
5	L	Clear Lake	51352000	Nutrients		40070 Acres	2006
					Source Unknown		
5	R	Clover Creek	50732000	Fecal Coliform		11 Miles	2012
					Agriculture-grazing Other		
5	R	Colusa Basin Drain	52010000	Azinphos-methyl		49 Miles	2008
				Carbofuran	Agriculture	49 Miles	2008
				Diazinon	Agriculture	49 Miles	2008
				Group A Pesticides	Agriculture	49 Miles	2011
				Malathion	Agriculture	49 Miles	2008
				Methyl Parathion	Agriculture	49 Miles	2008
					Agriculture		

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				Molinate/Ordram		49 Miles	2008
				Unknown Toxicity	Agriculture-irrigation tailwater	49 Miles	2019
					Agriculture		
5	L	Combie, Lake	51633011	Mercury		362 Acres	2011
				<i>All resource extraction sources are abandoned mines.</i>			
					Resource Extraction		
5	R	Cosumnes River	53111000	Exotic Species		53 Miles	2019
				<i>This exotic species listing covers the entire watershed, i.e., the mainstem and the North, Middle and South Forks of the Cosumnes River.</i>			
					Source Unknown		
5	L	Davis Creek Reservoir	51332010	Mercury		163 Acres	2010
					Resource Extraction		
5	R	Deer Creek (Sacramento County)	53222012	Iron		12 Miles	2019
					Source Unknown		
5	R	Deer Creek (Yuba County)	51712014	pH		4.3 Miles	2011
					Internal Nutrient Cycling (primarily lakes)		
5	R	Del Puerto Creek	54110000	Chlorpyrifos		6.5 Miles	2008
					Agriculture		
				Diazinon		6.5 Miles	2008
					Agriculture		

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				Pyrethroids		6.5 Miles	2019
				<i>The pyrethroids of concern for this listing are bifenthrin, lambda cyhalothrin, efenvalerate/fedvalerate, and permethrin.</i>			
				Source Unknown			
5	E	Delta Waterways (central portion)	54400000	Chlorpyrifos		11425 Acres	2019
					Agriculture		
					Urban Runoff/Storm Sewers		
				DDT		11425 Acres	2011
					Agriculture		
				Diazinon		11425 Acres	2019
					Agriculture		
					Urban Runoff/Storm Sewers		
				Exotic Species		11425 Acres	2019
					Source Unknown		
				Group A Pesticides		11425 Acres	2011
					Agriculture		
				Mercury		11425 Acres	2006
				<i>All resource extraction sources are abandoned mines.</i>			
					Resource Extraction		
				Unknown Toxicity		11425 Acres	2019
				Source Unknown			
5	E	Delta Waterways (eastern portion)	54400000	Chlorpyrifos		2972 Acres	2006
					Agriculture		
					Urban Runoff/Storm Sewers		
				DDT		2972 Acres	2011
					Agriculture		

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				Diazinon		2972 Acres	2006
					Agriculture		
					Urban Runoff/Storm Sewers		
				Exotic Species		2972 Acres	2019
					Source Unknown		
				Group A Pesticides		2972 Acres	2011
					Agriculture		
				Mercury		2972 Acres	2006
				<i>All resource extraction sources are abandoned mines.</i>			
					Resource Extraction		
				Unknown Toxicity		2972 Acres	2019
					Source Unknown		
5	E	Delta Waterways (export area)	54400000	Chlorpyrifos		583 Acres	2019
					Agriculture		
					Urban Runoff/Storm Sewers		
				DDT		583 Acres	2011
					Agriculture		
				Diazinon		583 Acres	2019
					Agriculture		
					Urban Runoff/Storm Sewers		
				Electrical Conductivity		583 Acres	2019
					Agriculture		
				Exotic Species		583 Acres	2019
					Source Unknown		

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				Group A Pesticides		583 Acres	2011
					Agriculture		
				Mercury		583 Acres	2006
				<i>All resource extraction sources are abandoned mines.</i>			
					Resource Extraction		
				Unknown Toxicity		583 Acres	2019
					Source Unknown		
5	E	Delta Waterways (northern portion)	51000000	Chlorpyrifos		6795 Acres	2019
					Agriculture		
					Urban Runoff/Storm Sewers		
				DDT		6795 Acres	2011
					Agriculture		
				Diazinon		6795 Acres	2019
					Agriculture		
					Urban Runoff/Storm Sewers		
				Exotic Species		6795 Acres	2019
					Source Unknown		
				Group A Pesticides		6795 Acres	2011
					Agriculture		
				Mercury		6795 Acres	2006
				<i>All resource extraction sources are abandoned mines.</i>			
					Resource Extraction		
				PCBs (Polychlorinated biphenyls)		6795 Acres	2019
					Source Unknown		
				Unknown Toxicity		6795 Acres	2019
					Source Unknown		

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5	E	Delta Waterways (northwestern portion)	51000000	Chlorpyrifos		2587 Acres	2019
					Agriculture		
					Urban Runoff/Storm Sewers		
				DDT		2587 Acres	2011
					Agriculture		
				Diazinon		2587 Acres	2019
					Agriculture		
					Urban Runoff/Storm Sewers		
				Electrical Conductivity		2587 Acres	2019
					Agriculture		
				Exotic Species		2587 Acres	2019
					Source Unknown		
				Group A Pesticides		2587 Acres	2011
					Agriculture		
				Mercury		2587 Acres	2006
				<i>All resource extraction sources are abandoned mines.</i>			
					Resource Extraction		
				Unknown Toxicity		2587 Acres	2019
					Source Unknown		
5	E	Delta Waterways (southern portion)	54400000	Chlorpyrifos		3125 Acres	2019
					Agriculture		
					Urban Runoff/Storm Sewers		
				DDT		3125 Acres	2011
					Agriculture		



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				Diazinon		3125 Acres	2019
					Agriculture		
					Urban Runoff/Storm Sewers		
				Electrical Conductivity		3125 Acres	2019
					Agriculture		
				Exotic Species		3125 Acres	2019
					Source Unknown		
				Group A Pesticides		3125 Acres	2011
					Agriculture		
				Mercury		3125 Acres	2006
				<i>All resource extraction sources are abandoned mines.</i>			
					Resource Extraction		
				Unknown Toxicity		3125 Acres	2019
					Source Unknown		
5	E	Delta Waterways (Stockton Ship Channel)	54400000	Chlorpyrifos		1603 Acres	2006
					Agriculture		
					Urban Runoff/Storm Sewers		
				DDT		1603 Acres	2011
					Agriculture		
				Diazinon		1603 Acres	2006
					Agriculture		
					Urban Runoff/Storm Sewers		

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			<b>Dioxin</b>		1603 Acres	2019
			<i>The areas of the ship channel impacted by dioxin contamination in sportfish encompass Old Mormon Slough, New Mormon Slough, McLeod Lake, Turning Basin, Morrelli Boat Ramp, and Louis Park Boat Ramp (California Department of Health Services 1998 warning). This listing was made by USEPA in 1998 and was under the Stockton Turning Basin, upper (Port Turning Basin) on previous lists. In order to consolidate listings for same areas, all listings for Stockton Turning Basin are now under the Delta Waterways (Stockton Ship Channel).</i>			
				<b>Point Source</b>		
			<b>Exotic Species</b>		1603 Acres	2019
				<b>Source Unknown</b>		
			<b>Furan Compounds</b>		1603 Acres	2019
			<i>This listing was previously under Stockton Turning Basin, upper (Port Turning Basin). In order to consolidate listings for same areas, all listings for Stockton Turning Basin are now under the Delta Waterways (Stockton Ship Channel).</i>			
				<b>Contaminated Sediments</b>		
			<b>Group A Pesticides</b>		1603 Acres	2011
				<b>Agriculture</b>		
			<b>Mercury</b>		1603 Acres	2006
			<i>All resource extraction sources are abandoned mines.</i>			
				<b>Resource Extraction</b>		
			<b>Pathogens</b>		1603 Acres	2008
			<i>This listing was previously under Stockton Turning Basin, upper (Port Turning Basin). In order to consolidate listings for same areas, all listings for Stockton Turning Basin are now under the Delta Waterways (Stockton Ship Channel).</i>			
				<b>Urban Runoff/Storm Sewers</b>		
				<b>Recreational and Tourism Activities (non-boating)</b>		
			<b>PCBs (Polychlorinated biphenyls)</b>		1603 Acres	2019
			<i>The areas of the ship channel impacted by PCB contamination in sportfish encompass Old Mormon Slough, New Mormon Slough, McLeod Lake, Turning Basin, Morrelli Boat Ramp, and Louis Park Boat Ramp (California Department of Health Services 1998 warning). This listing was made by USEPA in 1998 and was under the Stockton Turning Basin, upper (Port Turning Basin) on previous lists. In order to consolidate listings for same areas, all listings for Stockton Turning Basin are now under the Delta Waterways (Stockton Ship Channel).</i>			
				<b>Point Source</b>		
			<b>Unknown Toxicity</b>		1603 Acres	2019
				<b>Source Unknown</b>		

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5	E	Delta Waterways (western portion)	54400000	Chlorpyrifos		14524 Acres	2006
					Agriculture		
					Urban Runoff/Storm Sewers		
				DDT		14524 Acres	2011
					Agriculture		
				Diazinon		14524 Acres	2006
					Agriculture		
					Urban Runoff/Storm Sewers		
				Electrical Conductivity		14524 Acres	2019
					Agriculture		
				Exotic Species		14524 Acres	2019
					Source Unknown		
				Group A Pesticides		14524 Acres	2011
					Agriculture		
				Mercury		14524 Acres	2006
				<i>All resource extraction sources are abandoned mines.</i>			
					Resource Extraction		
				Unknown Toxicity		14524 Acres	2019
					Source Unknown		
5	R	Dolly Creek	51854030	Copper		1.5 Miles	2020
				<i>All resource extraction sources are abandoned mines.</i>			
					Resource Extraction		
				Zinc		1.5 Miles	2020
				<i>All resource extraction sources are abandoned mines.</i>			
					Resource Extraction		

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5	L	Don Pedro Lake	53632010	Mercury		11056 Acres	2020
					Resource Extraction		
5	R	Dunn Creek (Mt Diablo Mine to Marsh Creek)	54300021	Mercury		0.7 Miles	2013
				<i>All resource extraction sources are abandoned mines.</i>			
					Resource Extraction		
				Metals		0.7 Miles	2020
				<i>All resource extraction sources are abandoned mines.</i>			
					Resource Extraction		
5	L	Englebright Lake	51714013	Mercury		754 Acres	2012
				<i>All resource extraction sources are abandoned mines.</i>			
					Resource Extraction		
5	R	Fall River (Pit)	52641031	Sedimentation/Siltation		8.6 Miles	2016
				<i>The sedimentation is accumulated sand size sediment in the upper Fall River. The historic land management activities include logging, grazing, channelization, roads, and railroads.</i>			
					Historic Land Management Activities		
5	R	Feather River, Lower (Lake Oroville Dam to Confluence with Sacramento River)	51922000	Chlorpyrifos		42 Miles	2019
					Source Unknown		
				Group A Pesticides		42 Miles	2011
					Agriculture		
				Mercury		42 Miles	2009
				<i>All resource extraction sources are abandoned mines.</i>			
					Resource Extraction		
				Unknown Toxicity		42 Miles	2019
					Source Unknown		

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5	R	Feather River, North Fork (below Lake Almanor)	51812000	Mercury		49 Miles	2019
				Temperature, water	Source Unknown	49 Miles	2019
					Hydromodification Flow Regulation/Modification		
5	R	Five Mile Slough (Alexandria Place to Fourteen Mile Slough)	54400000	Chlorpyrifos		1.6 Miles	2006
				Diazinon	Urban Runoff/Storm Sewers	1.6 Miles	2006
				<i>The agricultural source of diazinon for this waterbody is from aerial deposition.</i>			
					Agriculture		
					Urban Runoff/Storm Sewers		
				Organic Enrichment/Low Dissolved Oxygen		1.6 Miles	2008
					Urban Runoff/Storm Sewers		
				Pathogens		1.6 Miles	2008
					Other Urban Runoff Recreational and Tourism Activities (non-boating)		
5	R	French Ravine	51632011	Bacteria		1.7 Miles	2019
					Land Disposal		
5	W	Grasslands Marshes	54120000	Electrical Conductivity		7962 Acres	2008
					Agriculture		

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5	R	Grayson Drain (at outfall)	54110000	Sediment Toxicity		0.03 Miles	2019
					Source Unknown		
5	R	Harding Drain (Turlock Irrigation District Lateral #5)	53550000	Chlorpyrifos		8.3 Miles	2008
					Agriculture		
				Unknown Toxicity		8.3 Miles	2019
					Agriculture		
5	R	Horse Creek (Rising Star Mine to Shasta Lake)	50610000	Cadmium		0.52 Miles	2020
				<i>All resource extraction sources are abandoned mines.</i>			
				Resource Extraction			
				Copper		0.52 Miles	2020
				<i>All resource extraction sources are abandoned mines.</i>			
				Resource Extraction			
				Lead		0.52 Miles	2020
				<i>All resource extraction sources are abandoned mines.</i>			
				Resource Extraction			
				Zinc		0.52 Miles	2020
				<i>All resource extraction sources are abandoned mines.</i>			
				Resource Extraction			
5	R	Humbug Creek	51732030	Copper		2.2 Miles	2020
				<i>All resource extraction sources are abandoned mines.</i>			
				Resource Extraction			
				Mercury		2.2 Miles	2012
				<i>All resource extraction sources are abandoned mines.</i>			
				Resource Extraction			
				Sedimentation/Siltation		2.2 Miles	2012
				<i>All resource extraction sources are abandoned mines.</i>			
				Resource Extraction			

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				<b>Zinc</b>		<b>2.2 Miles</b>	<b>2020</b>
				<i>All resource extraction sources are abandoned mines.</i>			
				<b>Resource Extraction</b>			
<b>5</b>	<b>R</b>	<b>Ingram Creek (from confluence with Hospital Creek to Hwy 33 crossing)</b>	<b>54110000</b>				
				<b>Pyrethroids</b>		<b>2.8 Miles</b>	<b>2019</b>
				<i>The pyrethroids of concern for this listing are bifenthrin, lambda cyhalothrin, efenvalerate/fedvalerate, and permethrin.</i>			
				<b>Source Unknown</b>			
<b>5</b>	<b>R</b>	<b>Ingram Creek (from confluence with San Joaquin River to confluence with Hospital Creek)</b>	<b>54110000</b>				
				<b>Chlorpyrifos</b>		<b>2.1 Miles</b>	<b>2008</b>
				<b>Agricultural Return Flows</b>			
				<b>Diazinon</b>		<b>2.1 Miles</b>	<b>2008</b>
				<b>Agricultural Return Flows</b>			
				<b>Pyrethroids</b>		<b>2.1 Miles</b>	<b>2019</b>
				<i>The pyrethroids of concern for this listing are bifenthrin, lambda cyhalothrin, efenvalerate/fedvalerate, and permethrin.</i>			
				<b>Source Unknown</b>			
<b>5</b>	<b>R</b>	<b>Jack Slough</b>	<b>51540000</b>				
				<b>Diazinon</b>		<b>14 Miles</b>	<b>2008</b>
				<b>Agriculture</b>			
<b>5</b>	<b>R</b>	<b>James Creek</b>	<b>51224010</b>				
				<b>Mercury</b>		<b>6.3 Miles</b>	<b>2015</b>
				<i>Resource extraction sources are abandoned mines.</i>			
				<b>Resource Extraction</b>			
				<b>Nickel</b>		<b>6.3 Miles</b>	<b>2020</b>
				<i>Resource extraction sources are abandoned mines.</i>			
				<b>Resource Extraction</b>			
<b>5</b>	<b>R</b>	<b>Kanaka Creek</b>	<b>51742022</b>				
				<b>Arsenic</b>		<b>9.7 Miles</b>	<b>2020</b>
				<i>All resource extraction sources are abandoned mines.</i>			
				<b>Resource Extraction</b>			

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5	L	Kaweah Lake	55344010	Mercury		1702 Acres	2019
					Source Unknown		
5	L	Keswick Reservoir (portion downstream from Spring Creek)	52440013	Cadmium		135 Acres	2020
					Resource Extraction		
				Copper		135 Acres	2020
					Resource Extraction		
				Zinc		135 Acres	2020
					Resource Extraction		
5	R	Kings River, Lower (Island Weir to Stinson and Empire Weirs)	55190000	Electrical Conductivity		36 Miles	2015
					Agriculture		
				Molybdenum		36 Miles	2015
					Agriculture		
				Toxaphene		36 Miles	2015
					Agriculture		
5	R	Little Backbone Creek, Lower	50620010	Acid Mine Drainage		0.95 Miles	2020
					Resource Extraction		
				Cadmium		0.95 Miles	2020
				<i>All resource extraction sources are abandoned mines.</i>			
					Resource Extraction		
				Copper		0.95 Miles	2020
				<i>All resource extraction sources are abandoned mines.</i>			
					Resource Extraction		
				Zinc		0.95 Miles	2020
				<i>All resource extraction sources are abandoned mines.</i>			
					Resource Extraction		



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5	R	Little Cow Creek (downstream from Afterthought Mine)	50733023	Cadmium <i>Resource extraction sources are abandoned mines.</i> Resource Extraction		1.1 Miles	2020
				Copper <i>Resource extraction sources are abandoned mines.</i> Resource Extraction		1.1 Miles	2020
				Zinc <i>Resource extraction sources are abandoned mines.</i> Resource Extraction		1.1 Miles	2020
5	R	Little Deer Creek	51720012	Mercury  Resource Extraction		4.1 Miles	2012
5	R	Little Grizzly Creek	51854031	Copper  Mine Tailings		9.4 Miles	2020
				Zinc  Mine Tailings		9.4 Miles	2020
5	R	Lone Tree Creek	53140000	Ammonia  Dairies		15 Miles	2020
				BOD, Biochemical oxygen demand  Dairies		15 Miles	2020
				Electrical Conductivity  Dairies		15 Miles	2020
5	L	Lower Bear River Reservoir	53260043	Copper  Source Unknown		725 Acres	2019
5	R	Main Drainage Canal	52040000	Diazinon  Agriculture		9.2 Miles	2019

# PROPOSED 2006 CWA SECTION 303(d) LIST OF WATER QUALITY LIMITED SEGMENTS

## CENTRAL VALLEY REGIONAL BOARD

SWRCB APPROVAL DATE: OCTOBER 25, 2006

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
5	R	Marsh Creek (Dunn Creek to Marsh Creek Reservoir)	54300023	Mercury <i>All resource extraction sources are abandoned mines.</i> Resource Extraction		11 Miles	2019
				Metals <i>All resource extraction sources are abandoned mines.</i> Resource Extraction		11 Miles	2020
5	R	Marsh Creek (Marsh Creek Reservoir to San Joaquin River)	54400000	Mercury <i>All resource extraction sources are abandoned mines.</i> Resource Extraction		10 Miles	2013
5	L	Marsh Creek Reservoir	54300023	Mercury Resource Extraction		278 Acres	2013
5	R	Merced River, Lower (McSwain Reservoir to San Joaquin River)	53550000	Chlorpyrifos Agriculture		50 Miles	2008
				Diazinon Agriculture		50 Miles	2008
				Group A Pesticides Agriculture		50 Miles	2011
				Mercury Source Unknown		50 Miles	2019
5	R	Middle River	54400000	Low Dissolved Oxygen Hydromodification Source Unknown		9.7 Miles	2019

# PROPOSED 2006 CWA SECTION 303(d) LIST OF WATER QUALITY LIMITED SEGMENTS

## CENTRAL VALLEY REGIONAL BOARD

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
5	R	Mokelumne River, Lower	54400000	Copper		29 Miles	2020
				Zinc	Resource Extraction	29 Miles	2020
					Resource Extraction		
5	R	Mormon Slough (Commerce Street to Stockton Deep Water Channel)	54400000	Organic Enrichment/Low Dissolved Oxygen		0.93 Miles	2008
				Pathogens	Urban Runoff/Storm Sewers	0.93 Miles	2008
					Urban Runoff/Storm Sewers Recreational and Tourism Activities (non-boating)		
5	R	Mormon Slough (Stockton Diverting Canal to Commerce Street)	53130000	Pathogens		5.2 Miles	2008
					Urban Runoff/Storm Sewers Recreational and Tourism Activities (non-boating)		
5	R	Morrison Creek	51911000	Chlorpyrifos		26 Miles	2019
					<i>This chlorpyrifos listing on applies to the area of Morrison Creek from Elk Grove-Florin Rd to Beach Lake.</i> Source Unknown		
5	R	Mosher Slough (downstream of I-5)	54400000	Chlorpyrifos		1.3 Miles	2006
				Diazinon	Urban Runoff/Storm Sewers	1.3 Miles	2006
					<i>The agricultural source of diazinon for this waterbody is from aerial deposition.</i> Agriculture Urban Runoff/Storm Sewers		

# PROPOSED 2006 CWA SECTION 303(d) LIST OF WATER QUALITY LIMITED SEGMENTS

## CENTRAL VALLEY REGIONAL BOARD

SWRCB APPROVAL DATE: OCTOBER 25, 2006

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Organic Enrichment/Low Dissolved Oxygen		1.3 Miles	2008
				Pathogens	Urban Runoff/Storm Sewers	1.3 Miles	2008
					Urban Runoff/Storm Sewers		
5	R	Mosher Slough (upstream of I-5)	54400000	Pathogens		3.5 Miles	2008
					Urban Runoff/Storm Sewers		
5	R	Mud Slough	54120000	Boron		13 Miles	2008
				Electrical Conductivity	Agriculture	13 Miles	2008
				Pesticides	Agriculture	13 Miles	2019
				Unknown Toxicity	Agriculture	13 Miles	2019
					Agriculture		
5	L	Natoma, Lake	51921000	Mercury		485 Acres	2019
					Source Unknown		
5	R	Natomas East Main Drainage Canal (aka Steelhead Creek, downstream of confluence with Arcade Creek)	51921000	Diazinon		3.5 Miles	2008
				<i>The agricultural source is from aerial deposition.</i>			
					Agriculture		
					Urban Runoff/Storm Sewers		
				PCBs (Polychlorinated biphenyls)		3.5 Miles	2020
					Industrial Point Sources		
					Agriculture		
					Urban Runoff/Storm Sewers		

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## CENTRAL VALLEY REGIONAL BOARD

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
5	R	Natomas East Main Drainage Canal (aka Steelhead Creek, upstream of confluence with Arcade Creek)	51921000	PCBs (Polychlorinated biphenyls)	Industrial Point Sources Agriculture Urban Runoff/Storm Sewers	12 Miles	2020
5	R	Newman Wasteway	54120000	Chlorpyrifos	Agriculture	8.3 Miles	2008
				Diazinon	Agriculture	8.3 Miles	2008
5	R	Oak Run Creek	50733000	Fecal Coliform	Combined Sewer Overflow Agriculture Grazing-Related Sources Pasture Grazing-Upland Natural Sources	5.6 Miles	2012
5	R	Old River (San Joaquin River to Delta-Mendota Canal)	54400000	Low Dissolved Oxygen	Hydromodification Source Unknown	15 Miles	2019
5	R	Orestimba Creek (above Kilburn Road)	54110000	Azinphos-methyl	Agriculture	9.1 Miles	2008
				Chlorpyrifos	Agriculture	9.1 Miles	2008
				DDE <i>Historical agricultural use.</i>	Agriculture	9.1 Miles	2011

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## CENTRAL VALLEY REGIONAL BOARD

SWRCB APPROVAL DATE: OCTOBER 25, 2006

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Diazinon		9.1 Miles	2008
					Agriculture		
5	R	Orestimba Creek (below Kilburn Road)	54110000				
				Azinphos-methyl		2.7 Miles	2008
					Agriculture		
				Chlorpyrifos		2.7 Miles	2008
					Agriculture		
				DDE		2.7 Miles	2011
					Agriculture		
				Diazinon		2.7 Miles	2008
					Agriculture		
				Sediment Toxicity		2.7 Miles	2019
					Source Unknown		
				Unknown Toxicity		2.7 Miles	2019
					Agriculture		
5	R	Panoche Creek (Silver Creek to Belmont Avenue)	55112000				
				Mercury		18 Miles	2020
				<i>All resource extraction sources are abandoned mines.</i>			
					Resource Extraction		
				Sedimentation/Siltation		18 Miles	2007
					Agriculture		
					Agriculture-grazing		
					Highway/Road/Bridge Construction		

# PROPOSED 2006 CWA SECTION 303(d) LIST OF WATER QUALITY LIMITED SEGMENTS

## CENTRAL VALLEY REGIONAL BOARD

SWRCB APPROVAL DATE: OCTOBER 25, 2006

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Selenium		18 Miles	2007
					Agriculture Agriculture-grazing Highway/Road/Bridge Construction		
5	R	Pit River	52661080	Nutrients		123 Miles	2013
					Agriculture Agriculture-grazing		
				Organic Enrichment/Low Dissolved Oxygen		123 Miles	2013
					Agriculture Agriculture-grazing		
				Temperature, water		123 Miles	2013
					Agriculture Agriculture-grazing		
5	R	Putah Creek (Solano Lake to Putah Creek Sinks)	51120000	Mercury		27 Miles	2015
				<i>All resource extraction sources are abandoned mines.</i>			
					Resource Extraction Source Unknown		
5	L	Rollins Reservoir	51634033	Mercury		774 Acres	2012
					Resource Extraction		
5	R	Sacramento River (Keswick Dam to Cottonwood Creek)	52440014	Unknown Toxicity		15 Miles	2019
					Source Unknown		

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## CENTRAL VALLEY REGIONAL BOARD

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
5	R	Sacramento River ( Cottonwood Creek to Red Bluff)	50810000	Unknown Toxicity		16 Miles	2019
					Source Unknown		
5	R	Sacramento River ( Red Bluff to Knights Landing)	50420070	Mercury		82 Miles	2019
				<i>This mercury listing only applies to the area from Hamilton City downstream to Knights Landing.</i>			
					Source Unknown		
				Unknown Toxicity		82 Miles	2019
					Source Unknown		
5	R	Sacramento River (Knights Landing to the Delta)	51000000	Mercury		16 Miles	2010
				<i>All resource extraction sources are abandoned mines.</i>			
					Resource Extraction		
				Unknown Toxicity		16 Miles	2019
					Source Unknown		
5	R	Sacramento Slough	51922000	Mercury		1.7 Miles	2020
					Source Unknown		
5	R	Salt Slough (upstream from confluence with San Joaquin River)	54120000	Boron		17 Miles	2008
					Agriculture		
				Chlorpyrifos		17 Miles	2008
					Agriculture		
				Diazinon		17 Miles	2008
					Agriculture		



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## CENTRAL VALLEY REGIONAL BOARD

SWRCB APPROVAL DATE: OCTOBER 25, 2006

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Electrical Conductivity		17 Miles	2008
				Unknown Toxicity	Agriculture	17 Miles	2019
					Agriculture		
5	R	San Carlos Creek (downstream of New Idria Mine)	55911085	Mercury		5.1 Miles	2020
				<i>All resource extraction sources are abandoned mines.</i>			
					Resource Extraction		
					Acid Mine Drainage		
5	R	San Joaquin River ( Mendota Pool to Bear Creek)	54110000	Boron		88 Miles	2006
				DDT	Agriculture	88 Miles	2011
				Electrical Conductivity	Agriculture	88 Miles	2006
				Group A Pesticides	Agriculture	88 Miles	2011
				Unknown Toxicity	Agriculture	88 Miles	2019
					Source Unknown		
5	R	San Joaquin River (Bear Creek to Mud Slough)	54120000	Boron		14 Miles	2006
					Agriculture		

# PROPOSED 2006 CWA SECTION 303(d) LIST OF WATER QUALITY LIMITED SEGMENTS

## CENTRAL VALLEY REGIONAL BOARD

SWRCB APPROVAL DATE: OCTOBER 25, 2006

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				DDT		14 Miles	2011
				Electrical Conductivity	Agriculture	14 Miles	2006
				Group A Pesticides	Agriculture	14 Miles	2011
				Mercury	Agriculture	14 Miles	2020
				Unknown Toxicity	Resource Extraction	14 Miles	2019
					Source Unknown		
5	R	San Joaquin River ( Mud Slough to Merced River)	54110000	Boron		3 Miles	2006
				DDT	Agriculture	3 Miles	2011
				Electrical Conductivity	Agriculture	3 Miles	2006
				Group A Pesticides	Agriculture	3 Miles	2011
				Mercury	Agriculture	3 Miles	2020
				Selenium	Resource Extraction	3 Miles	1996
					Agriculture		

# PROPOSED 2006 CWA SECTION 303(d) LIST OF WATER QUALITY LIMITED SEGMENTS

## CENTRAL VALLEY REGIONAL BOARD

SWRCB APPROVAL DATE: OCTOBER 25, 2006

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Unknown Toxicity		3 Miles	2019
					Source Unknown		
5	R	San Joaquin River ( Merced River to Tuolumne River)	54110000				
				Boron		29 Miles	2006
					Agriculture		
				DDT		29 Miles	2011
					Agriculture		
				Electrical Conductivity		29 Miles	2006
					Agriculture		
				Group A Pesticides		29 Miles	2011
					Agriculture		
				Mercury		29 Miles	2020
					Resource Extraction		
				Unknown Toxicity		29 Miles	2019
					Source Unknown		
5	R	San Joaquin River ( Tuolumne River to Stanislaus River)	53530000				
				Boron		8.4 Miles	2006
					Agriculture		
				DDT		8.4 Miles	2011
					Agriculture		
				Electrical Conductivity		8.4 Miles	2006
					Agriculture		
				Group A Pesticides		8.4 Miles	2011
					Agriculture		

# PROPOSED 2006 CWA SECTION 303(d) LIST OF WATER QUALITY LIMITED SEGMENTS

## CENTRAL VALLEY REGIONAL BOARD

SWRCB APPROVAL DATE: OCTOBER 25, 2006

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Mercury		8.4 Miles	2020
					Resource Extraction		
				Unknown Toxicity		8.4 Miles	2019
					Agriculture		
5	R	San Joaquin River (Friant Dam to Mendota Pool)	54510000				
				Exotic Species		70 Miles	2019
					Source Unknown		
5	R	San Joaquin River (Stanislaus River to Delta Boundary)	54400000				
				Boron		3 Miles	2004
					Agriculture		
				DDT		3 Miles	2011
					Agriculture		
				Electrical Conductivity		3 Miles	2004
					Agriculture		
				Group A Pesticides		3 Miles	2011
					Agriculture		
				Mercury		3 Miles	2020
					Resource Extraction		
				Toxaphene		3 Miles	2019
					Source Unknown		
				Unknown Toxicity		3 Miles	2019
					Agriculture		

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## CENTRAL VALLEY REGIONAL BOARD

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
5	L	Scotts Flat Reservoir	51720011	Mercury		660 Acres	2012
					Resource Extraction		
5	L	Shasta Lake (area where West Squaw Creek enters)	50620010	Cadmium		20 Acres	2020
					Resource Extraction		
				Copper		20 Acres	2020
					Resource Extraction		
				Zinc		20 Acres	2020
					Resource Extraction		
5	R	Smith Canal	54400000	Organic Enrichment/Low Dissolved Oxygen		2.4 Miles	2008
					Urban Runoff/Storm Sewers		
				Organophosphorus Pesticides		2.4 Miles	2006
					Urban Runoff/Storm Sewers		
				Pathogens		2.4 Miles	2008
					Urban Runoff/Storm Sewers		
					Recreational and Tourism Activities (non-boating)		
5	R	South Cow Creek	50731000	Fecal Coliform		7.9 Miles	2012
					Agriculture		
					Grazing-Related Sources		
					Other		
5	R	Spring Creek, Lower (Iron Mountain Mine to Keswick Reservoir)	52440010	Acid Mine Drainage		2.6 Miles	2020
				<i>All resource extraction sources are abandoned mines.</i>			
					Resource Extraction		

**PROPOSED 2006 CWA SECTION 303(d) LIST OF WATER QUALITY LIMITED SEGMENTS**  
**CENTRAL VALLEY REGIONAL BOARD**

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				<b>Cadmium</b> <i>All resource extraction sources are abandoned mines.</i> <b>Resource Extraction</b>		2.6 Miles	2020
				<b>Copper</b> <i>All resource extraction sources are abandoned mines.</i> <b>Resource Extraction</b>		2.6 Miles	2020
				<b>Zinc</b> <i>All resource extraction sources are abandoned mines.</i> <b>Resource Extraction</b>		2.6 Miles	2020
5	R	Stanislaus River, Lower	53530000	<b>Diazinon</b>	<b>Agriculture</b>	59 Miles	2008
				<b>Group A Pesticides</b>	<b>Agriculture</b>	59 Miles	2011
				<b>Mercury</b>	<b>Resource Extraction</b>	59 Miles	2020
				<b>Unknown Toxicity</b>	<b>Source Unknown</b>	59 Miles	2019
5	R	Sulphur Creek (Colusa County)	51320024	<b>Mercury</b> <i>All resource extraction sources are abandoned mines.</i> <b>Resource Extraction</b>		14 Miles	2005
5	R	Temple Creek	53140000	<b>Ammonia</b>	<b>Dairies</b>	10 Miles	2020
				<b>Electrical Conductivity</b>	<b>Dairies</b>	10 Miles	2020
5	R	Town Creek	50620010	<b>Cadmium</b> <i>All resource extraction sources are abandoned mines.</i> <b>Resource Extraction</b>		0.98 Miles	2020

# PROPOSED 2006 CWA SECTION 303(d) LIST OF WATER QUALITY LIMITED SEGMENTS

## CENTRAL VALLEY REGIONAL BOARD

SWRCB APPROVAL DATE: OCTOBER 25, 2006

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				<b>Copper</b>		<b>0.98 Miles</b>	<b>2020</b>
				<i>All resource extraction sources are abandoned mines.</i>			
				<b>Resource Extraction</b>			
				<b>Lead</b>		<b>0.98 Miles</b>	<b>2020</b>
				<i>All resource extraction sources are abandoned mines.</i>			
				<b>Resource Extraction</b>			
				<b>Zinc</b>		<b>0.98 Miles</b>	<b>2020</b>
				<i>All resource extraction sources are abandoned mines.</i>			
				<b>Resource Extraction</b>			
<b>5</b>	<b>R</b>	<b>Tuolumne River, Lower (Don Pedro Reservoir to San Joaquin River)</b>	<b>53550000</b>				
				<b>Diazinon</b>		<b>60 Miles</b>	<b>2008</b>
					<b>Agriculture</b>		
				<b>Group A Pesticides</b>		<b>60 Miles</b>	<b>2011</b>
					<b>Agriculture</b>		
				<b>Unknown Toxicity</b>		<b>60 Miles</b>	<b>2019</b>
					<b>Source Unknown</b>		
<b>5</b>	<b>R</b>	<b>Wadsworth Canal</b>	<b>52030000</b>				
				<b>Diazinon</b>		<b>16 Miles</b>	<b>2019</b>
					<b>Agriculture</b>		
<b>5</b>	<b>R</b>	<b>Walker Slough</b>	<b>53140000</b>				
				<b>Pathogens</b>		<b>2.3 Miles</b>	<b>2008</b>
					<b>Urban Runoff/Storm Sewers</b>		
					<b>Recreational and Tourism Activities (non-boating)</b>		
<b>5</b>	<b>R</b>	<b>West Squaw Creek (below Balaklala Mine)</b>	<b>50620010</b>				
				<b>Cadmium</b>		<b>2 Miles</b>	<b>2020</b>
				<i>All resource extraction sources are abandoned mines.</i>			
				<b>Resource Extraction</b>			
				<b>Copper</b>		<b>2 Miles</b>	<b>2020</b>
				<i>All resource extraction sources are abandoned mines.</i>			
				<b>Resource Extraction</b>			

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## CENTRAL VALLEY REGIONAL BOARD

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Lead		2 Miles	2020
				<i>All resource extraction sources are abandoned mines.</i>			
					Resource Extraction		
				Zinc		2 Miles	2020
				<i>All resource extraction sources are abandoned mines.</i>			
					Resource Extraction		
5	L	Whiskeytown Reservoir (areas near Oak Bottom, Brandy Creek Campgrounds and Whiskeytown)	52463010				
				Coliform Bacteria		98 Acres	2019
					Septage Disposal		
5	R	Willow Creek (Madera County)	54021051				
				Temperature, water		6.2 Miles	2019
					Source Unknown		
5	R	Willow Creek (Shasta County, below Greenhorn Mine to Clear Creek)	52463010				
				Acid Mine Drainage		4 Miles	2020
				<i>All resource extraction sources are abandoned mines.</i>			
					Resource Extraction		
				Copper		4 Miles	2020
				<i>All resource extraction sources are abandoned mines.</i>			
					Resource Extraction		
				Zinc		4 Miles	2020
				<i>All resource extraction sources are abandoned mines.</i>			
					Resource Extraction		
5	R	Wolf Creek	51632010				
				Fecal Coliform		23 Miles	2019
					Agriculture		
					Urban Runoff/Storm Sewers		
					Recreational and Tourism Activities (non-boating)		



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## CENTRAL VALLEY REGIONAL BOARD

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REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
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### ABBREVIATIONS

#### REGIONAL WATER QUALITY CONTROL BOARDS

- 1 North Coast
- 2 San Francisco Bay
- 3 Central Coast
- 4 Los Angeles
- 5 Central Valley
- 6 Lahontan
- 7 Colorado River Basin
- 8 Santa Ana
- 9 San Diego

#### WATER BODY TYPE

- B = Bays and Harbors  
 C = Coastal Shorelines/Beaches  
 E = Estuaries  
 L = Lakes/Reservoirs  
 R = Rivers and Streams  
 S = Saline Lakes  
 T = Wetlands, Tidal  
 W = Wetlands, Freshwater

#### CALWATER WATERSHED

"Calwater Watershed" is the State Water Resources Control Board hydrological subunit area or an even smaller area delineation.

#### GROUP A PESTICIDES OR CHEM A

aldrin, dieldrin, chlordane, endrin, heptachlor, heptachlor epoxide,  
 hexachlorocyclohexane (including lindane), endosulfan, and toxaphene